



Wired

data sheet

WLED30CV4

WIRED FOUR CHANNEL, 30W/CHANNEL (RGB + WHITE) CONSTANT VOLTAGE LED DIMMER.



WHAT IS IT?

A compact 4 channel 30W per channel, constant voltage LED dimmer with in-built wired receiver and Rako processor for control of 4 channel constant voltage LED fittings.

When used with RGBW fittings each colour is allocated a channel and can be individually adjusted allowing complete colour mixing. Simple colour cycling is started/stopped using the fade commands (raise/lower).

Controlled from any Rako Wired device, e.g. WCM, WAPIR or from wireless devices via a WA/WTC-Bridge or a WRB100.

The WLED30CV4 is a wired 4 channel, 30W/Channel (RGB+White) constant voltage dimming LED driver, suitable for ceiling or cupboard mounting



Designed for use with 3 or 4 channel constant voltage LED fittings and 3 or 4 channel LED tape light with common +ve and individual -ve connections. Maximum wattage of 120w when used as 4 channel or 90w with 3 channel for 12V d.c. fittings or 240w (60w per channel) for 24V d.c. fittings.

Requires a suitable external d.c. power supply (normally the power supply that would be supplied with the fitting for a non-dimming application).

Programmed using the RASOFT PC software suite, the unit stores the house, room and channel address plus 16 preset scene levels in non volatile memory.

Connection to the Rakom wired network can be via the RJ11 lead, plugging into a RAKLink or RAKStar unit. Alternatively a WPCON or WPCONC unit can be used as a remote plug in connection point.

Installing a Bridge or WRB100 as part of the wired system will allow the WLED30CV4 to receive commands from wireless devices as part of a "combined" or "hybrid" system.

For more information on dimming LEDs refer to Rako's application sheet 'Controlling LED Lighting With Rako Dimmers and Modules'.



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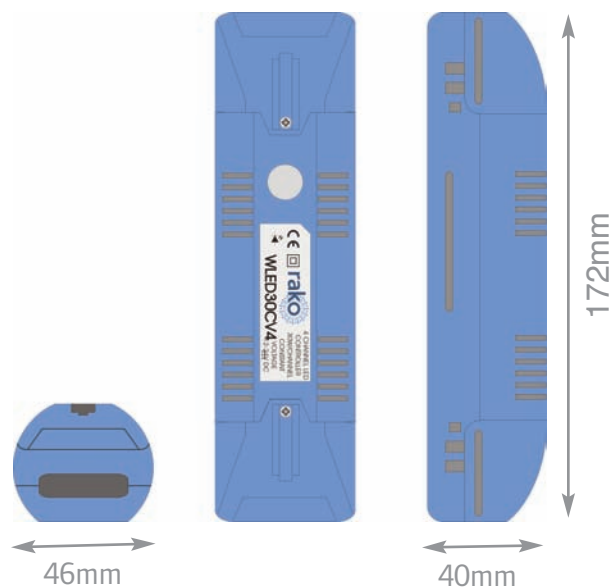
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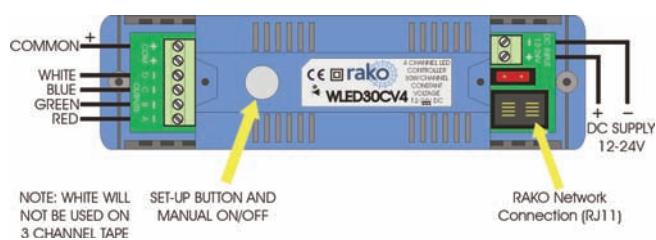
technical data

dimensions	172x46x40mm
input supply	12V/24V DC power supply depending on load 12-18V DC supply from Rako wired network for control
housing	UL V0 ABS
weight	175g
climate range	Temperature +2C to +40C Humidity +5% - 90% non condensing
connections	2 way screw terminals for 12-24v DC supply. 6 way screw terminals for load connections
protection	Reverse polarity input protection. Output current limit protection
load types	Four channel constant voltage LED fittings and tape
min/max loads	1W per channel Min 12V DC 3 channel @90W Max 12V DC 4 channel @120W Max 24V DC 3 channel @180W Max 24V DC 4 channel @240W Max
terminal sizes	4 mm ²
standards	Emissions - EN61000-6-3 : 2007 Immunity - EN61000-6-1 : 2007
communication	Rakom wired network
memory	Flash memory (non volatile)

mechanical data



connection details



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